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From: Shann Kerner, Ph.D.
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Date: August 14, 2003

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Client Matter Number: 112917-129
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OFFICIAL

Re: U.S. Patent Application No. 09/073,596 filed 05/06/1998
Title: Methods for In Vitro Proliferation of Dendritic Cell Precursors and Their Use to
Produce Immunogens
First Inventor: Steinman, et al.
Examiner: G. Ewoldt Group Art Unit: 1644
Attorney Docket No.: 112917-129 (MER-010CP2)

Certificate of Transmission under 37 CFR 1.8

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Document	No. Pgs.
Transmittal Form	1
Fee Transmittal Frm	1
Petition for Extension of Time Under 37 CFR 1.136(a)	1
Amendment Pursuant to 37 CFR 1.116	12
Notice of Appeal Pursuant to 37 CFR 1.191	2

Total Number of Pages (including this Certificate of Transmission)

19

PTO/SB/21 (05-03)

Approved for use through 04/30/2003, OMB 0851-0031

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing) Total Number of Pages in This Submission	Application Number	09/073,596
	Filing Date	05/06/1998
	First Named Inventor	Steinman, et al.
	Art Unit	1644
	Examiner Name	G. Ewoldt
	Attorney Docket Number	112917-129 (MER-010CR2CNDV)

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input checked="" type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
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<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
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<input type="checkbox"/> Response to Missing Parts/Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	Ann-Louise Kerner, Ph.D.	
Signature	<i>Ann-Louise Kerner</i>	
Date	08/14/2003	

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Signature	<i>Rochelle Capobianco</i>	Date: 08/14/2003

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FEE TRANSMITTAL

for FY 2003

Effective 01/01/2003, Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 625.00

Complete if Known

Application Number	09/073,596
Filing Date	05/06/1998
First Named Inventor	Steinman, et al.
Examiner Name	G. Ewoldt
Art Unit	1644
Attorney Docket No.	1-12917-129 (MER-010CP2CNDV)

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None
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Hale and Dorr LLP

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☐ Charge any additional fee(s) during the pendency of this application.
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FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	
1002 330	2002 165	Design filing fee	
1003 620	2003 280	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 180	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$) 0.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent	20**	X	
Multiple Dependent	3**	X	
	0	0	0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 84	2201 42	Independent claims in excess of 3	
1203 280	2203 140	Multiple dependent claim, if not paid	
1204 84	2204 42	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)			(\$) 0.00

**or number previously paid, if greater. For Reissues, see above.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	2053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920	1804 920	Requesting publication of SIR prior to Examiner action	
1805 1,840	1805 1,840	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	465.00
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	160.00
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	2451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	2460 130	Petitions to the Commissioner	
1807 50	2807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	2806 180	Submission of Information Disclosure Stmt.	
8021 40	28021 40	Recording each patent assignment per property (times number of properties)	
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	2802 900	Request for expedited examination of a design application	
Other fee (specify):			
*Reduced by Basic Filing Fee Paid			
SUBTOTAL (3)			(\$) 625.00

SUBMITTED BY

Name (Print/Type) Ann Louise Kerner, Ph.D.

Registration No. (Attorney/Agent)

33,523

(Complete if applicable)

Telephone (617) 526-6192

Signature

Ann Louise Kerner

Date

08/14/2003

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Application No. 09/073,596

Patent Attorney Docket No. MER-010 CP2CNDV (112917-129)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
STEINMAN et al.)	
)	
Serial No.: 09/073,596)	Group Art Unit: 1644
)	
Filed: 06 May 1998)	Examiner: G. Ewoldt
)	
For: METHODS FOR <i>IN VITRO</i>)	
PROLIFERATION OF)	
DENDRITIC CELL)	
PRECURSORS AND THEIR)	
USE TO PRODUCE)	
IMMUNOGENS)	
)	

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 CFR §1.6

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Date: 14 August 2003

By:

Rochelle Capobianco
Rochelle Capobianco

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT PURSUANT TO 37 C.F.R. § 1.116

This response is submitted in reply to the final Office Action dated 14 February 2003. A Petition for a three (3) month Extension of Time is submitted herewith, which extends the period for response to 14 August 2003. A Notice of Appeal is also submitted herewith, which appeals the Examiner's final rejection of claims 84, 89, 91, 92, 94, 95, 99, 101, and 103-120.

Application No. 09/073,596

Please amend the above-identified application as follows.

Amendments to the Claims are reflected in the listing of claims, which begin on page 3 of this paper.

Remarks / Arguments begin on page 7 of this paper.